**FIG. 1**

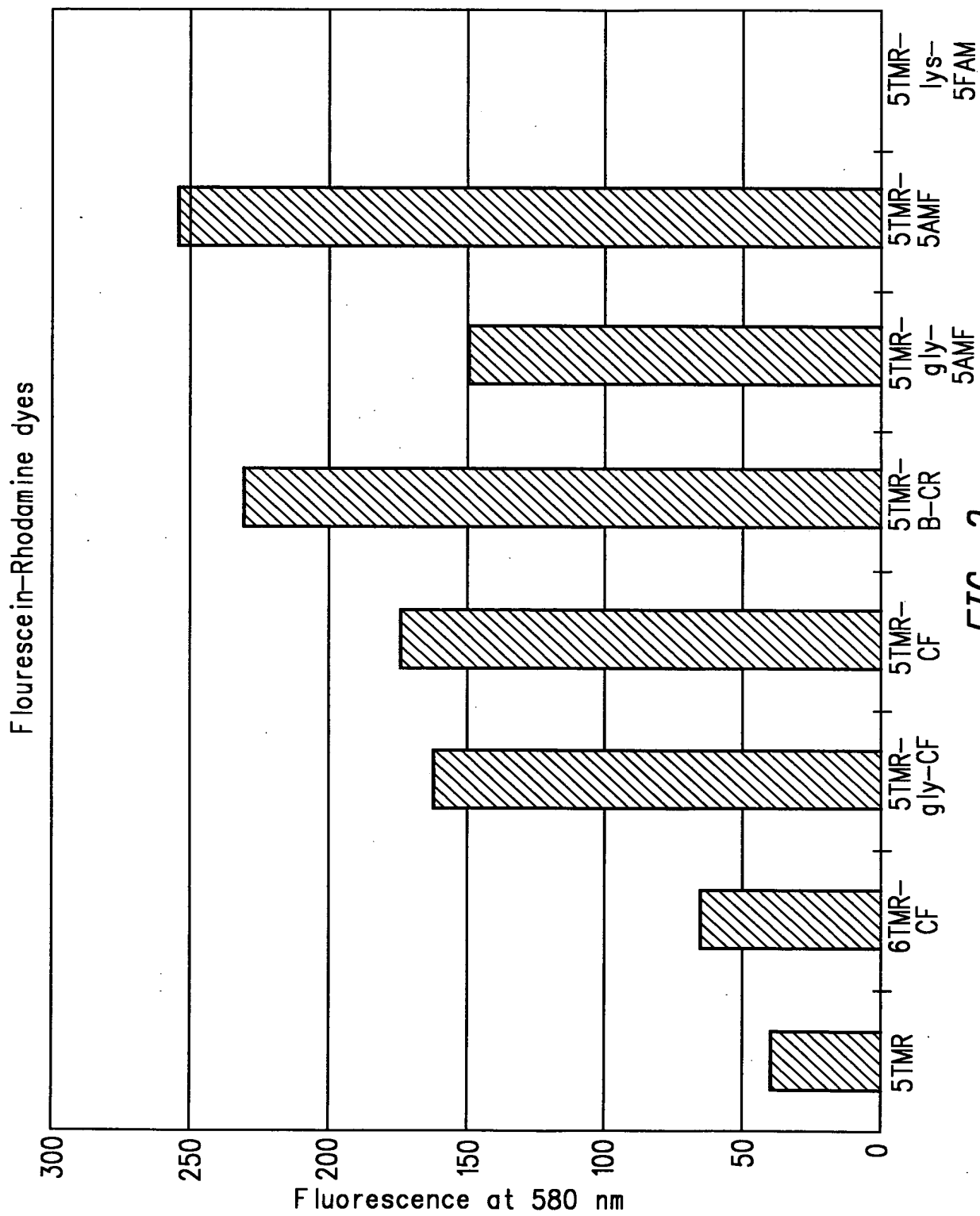


FIG. 2

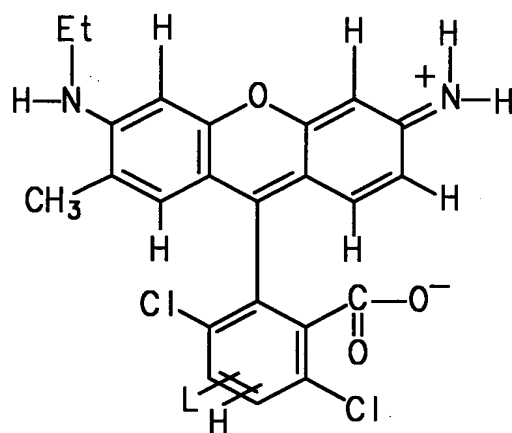


FIG. 3A-A

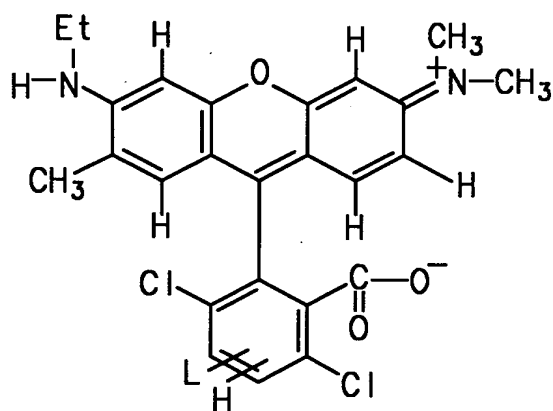


FIG. 3A-B

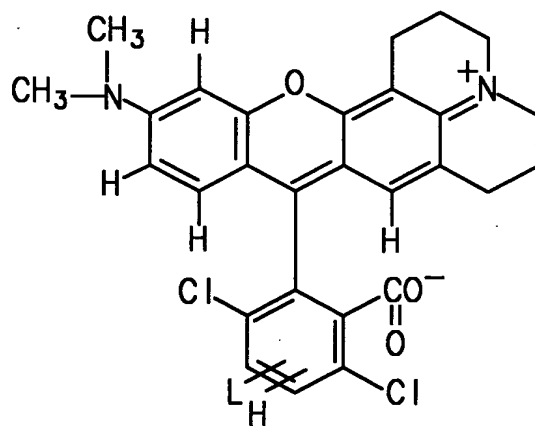


FIG. 3A-C

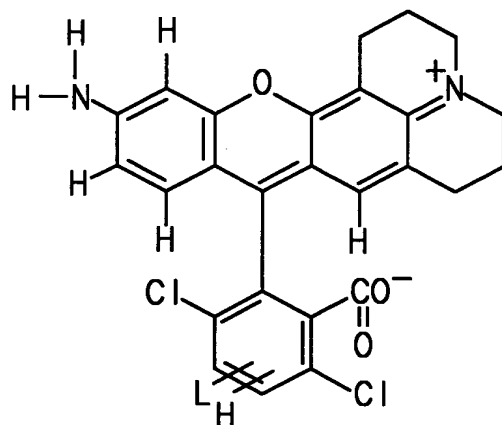


FIG. 3B-D

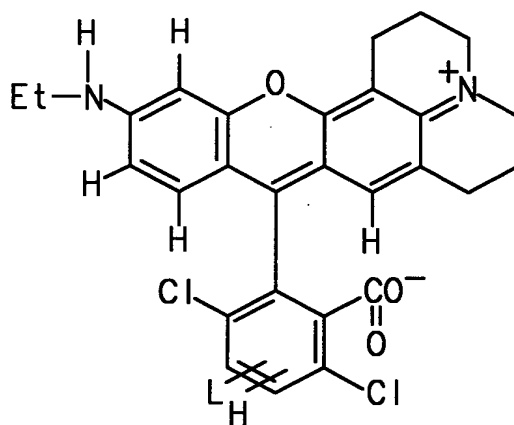


FIG. 3B-E

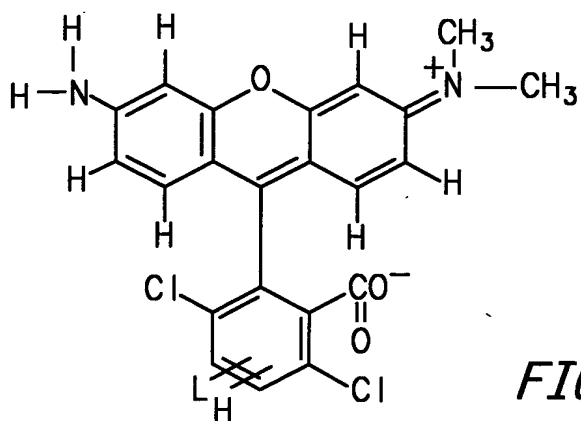


FIG. 3B-F

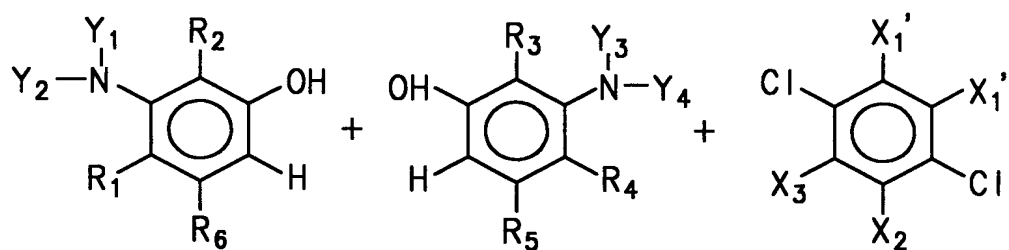


FIG. 4A-A *FIG. 4A-B* *FIG. 4A-C*

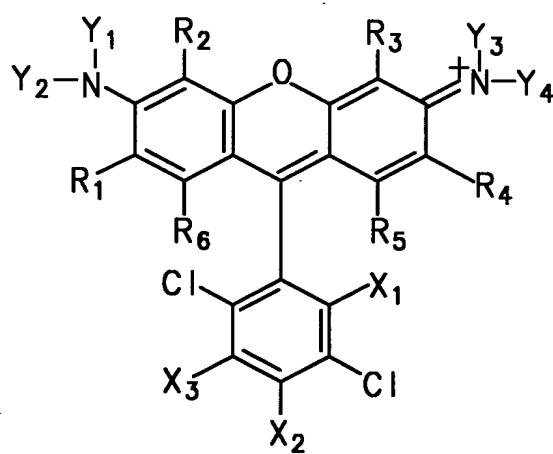


FIG. 4A-D

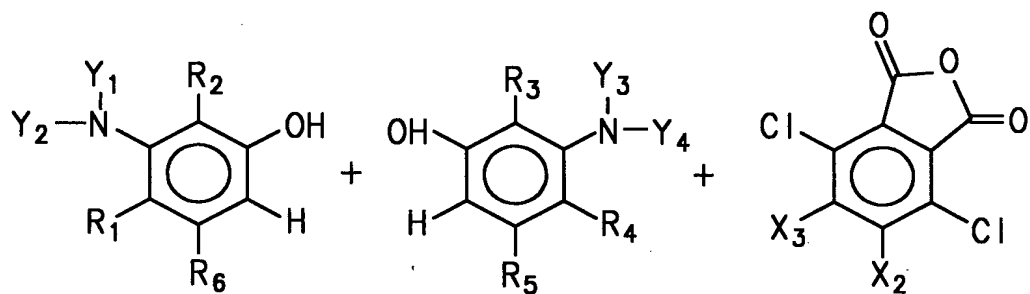


FIG. 4B-A **FIG. 4B-B** **FIG. 4B-E**

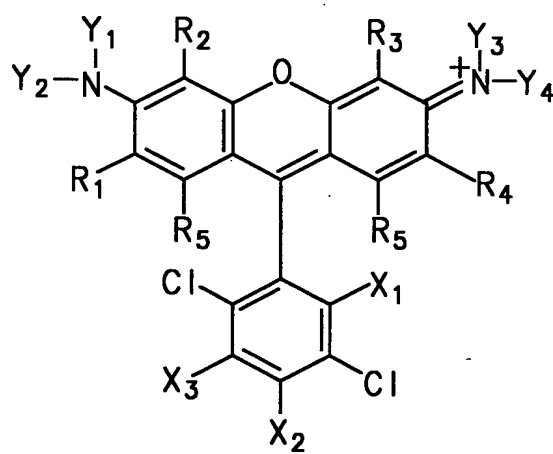


FIG. 4B-D

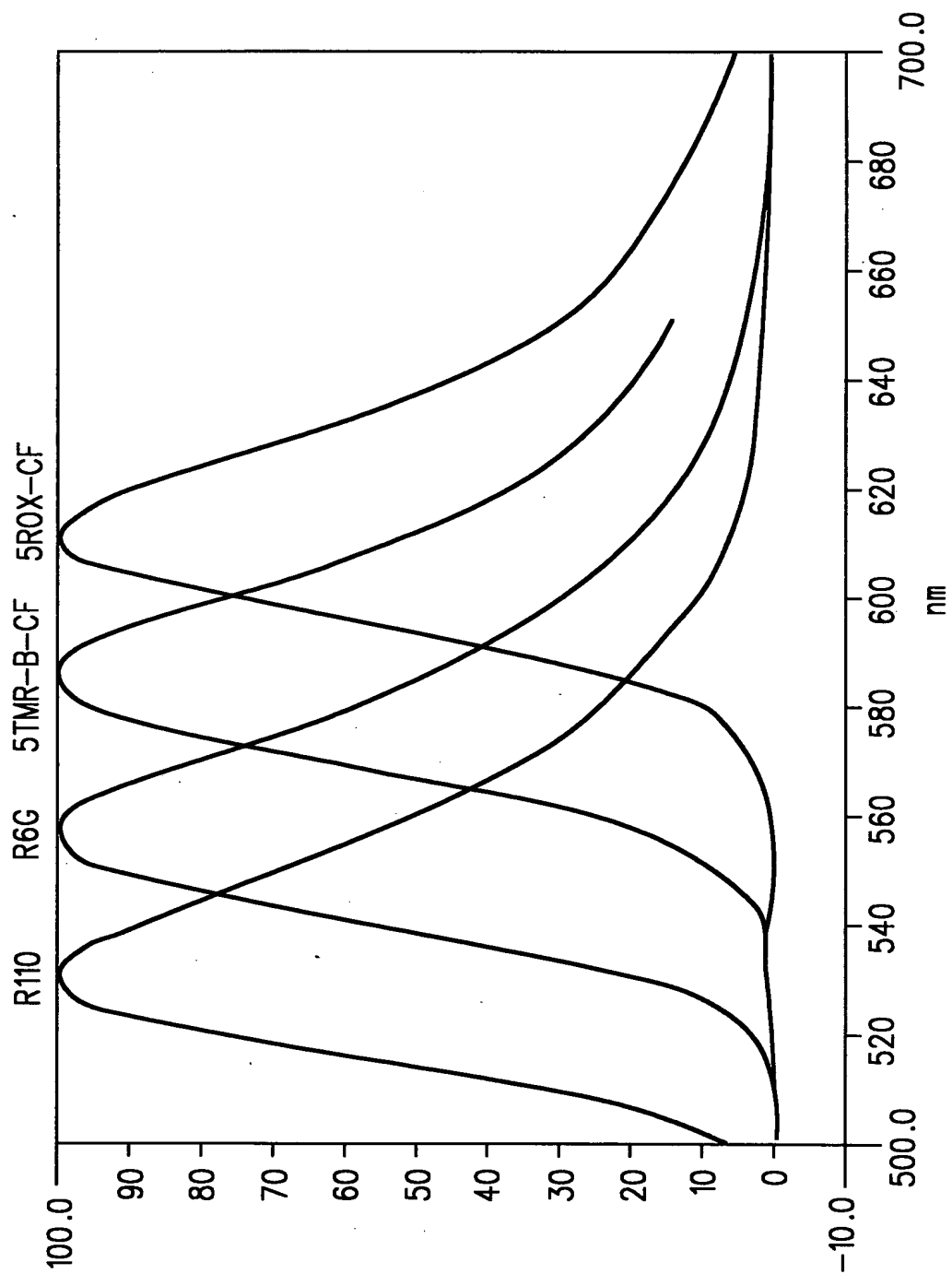


FIG. 5

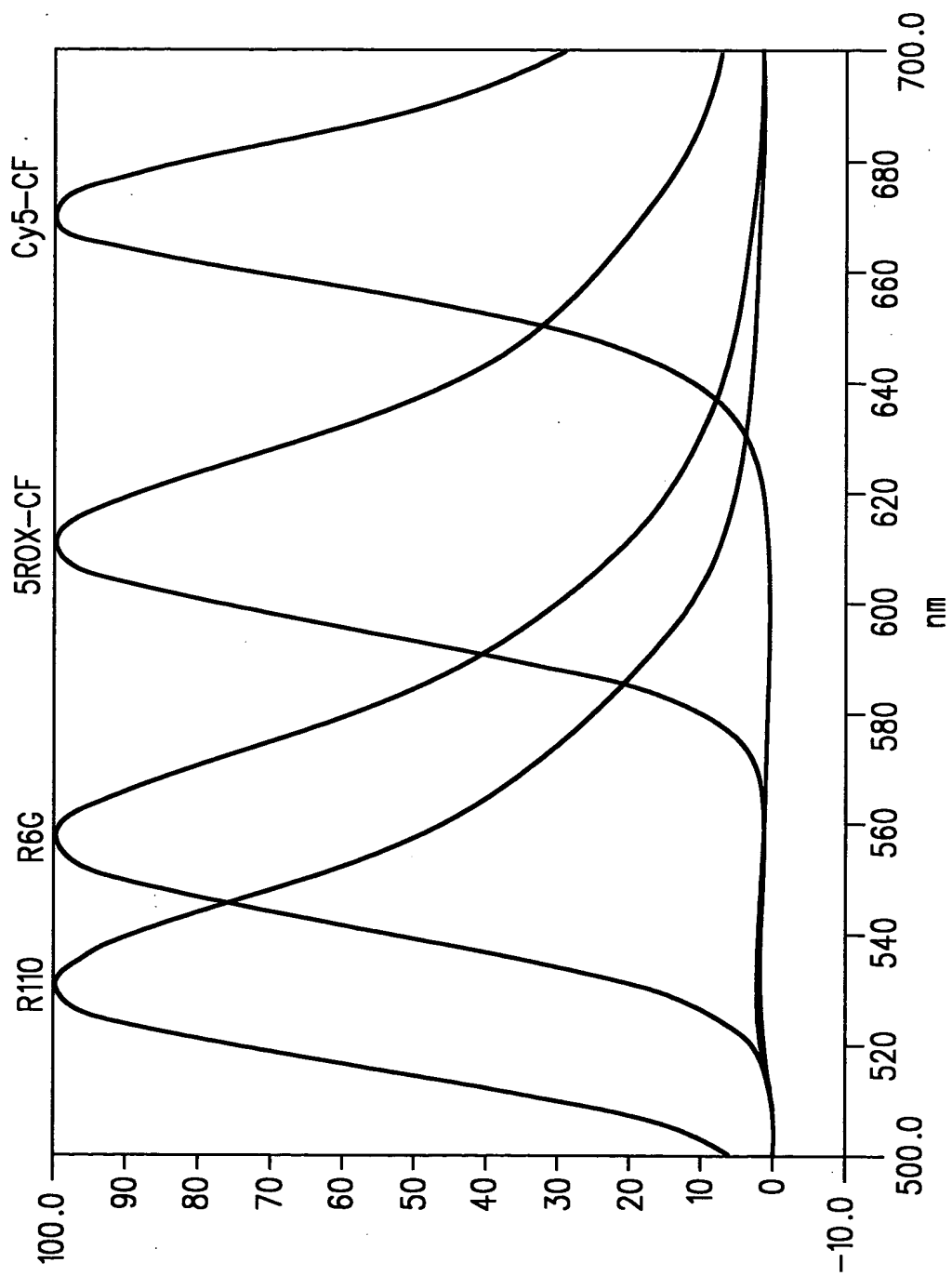


FIG. 6

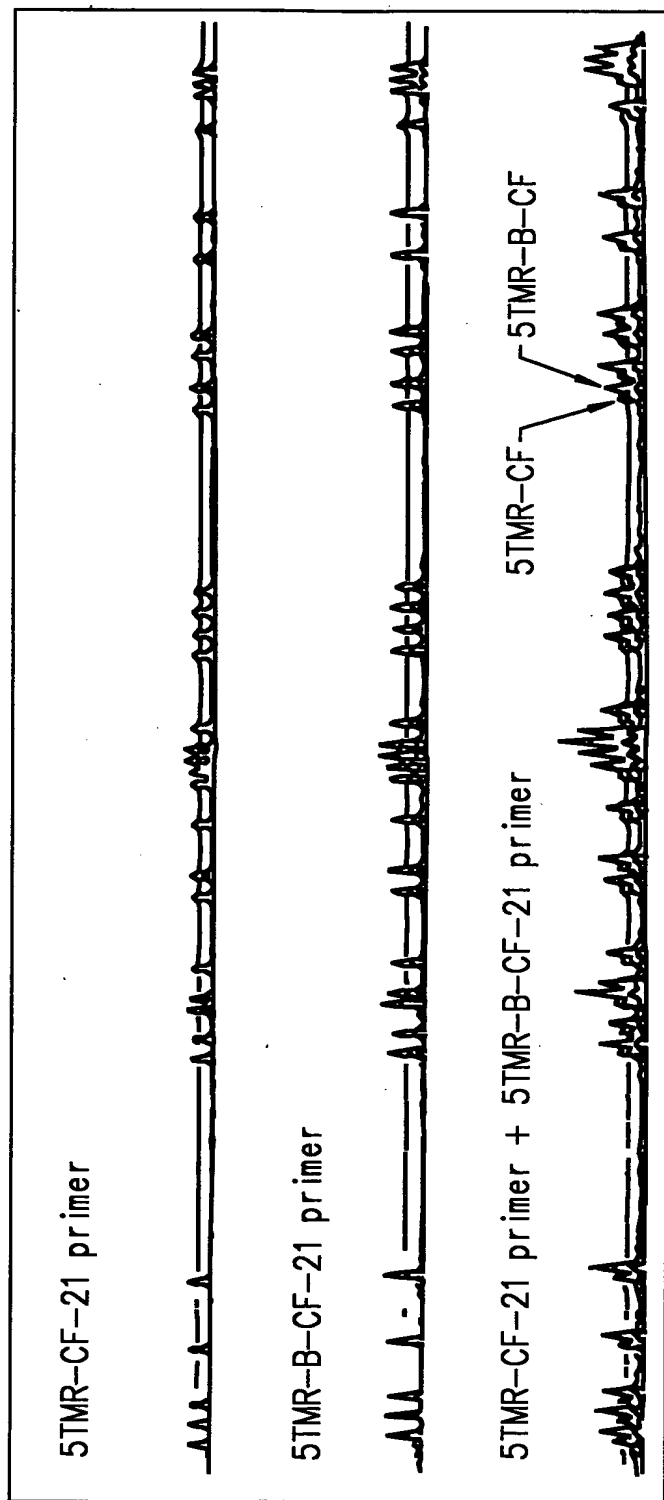


FIG. 7

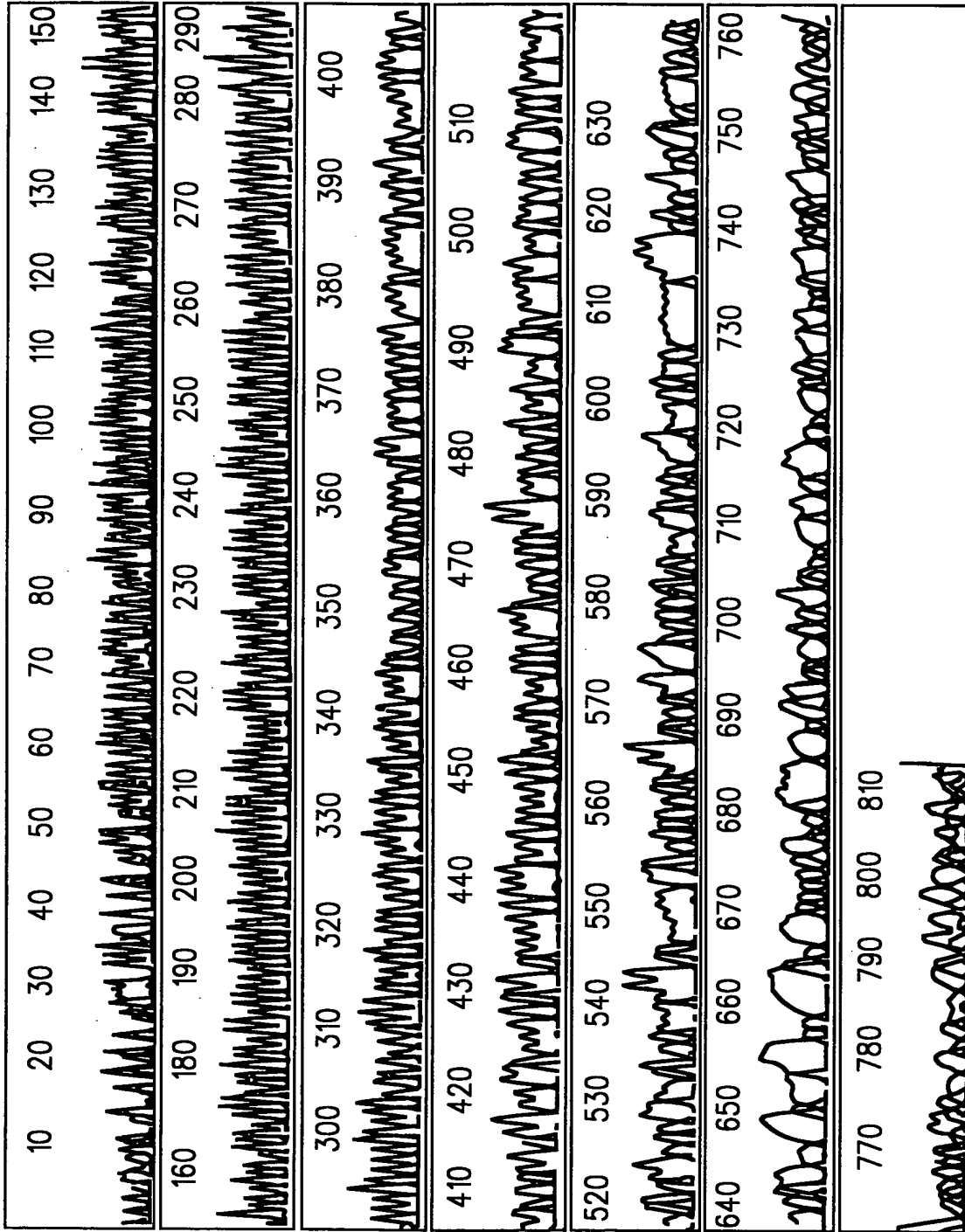


FIG. 8

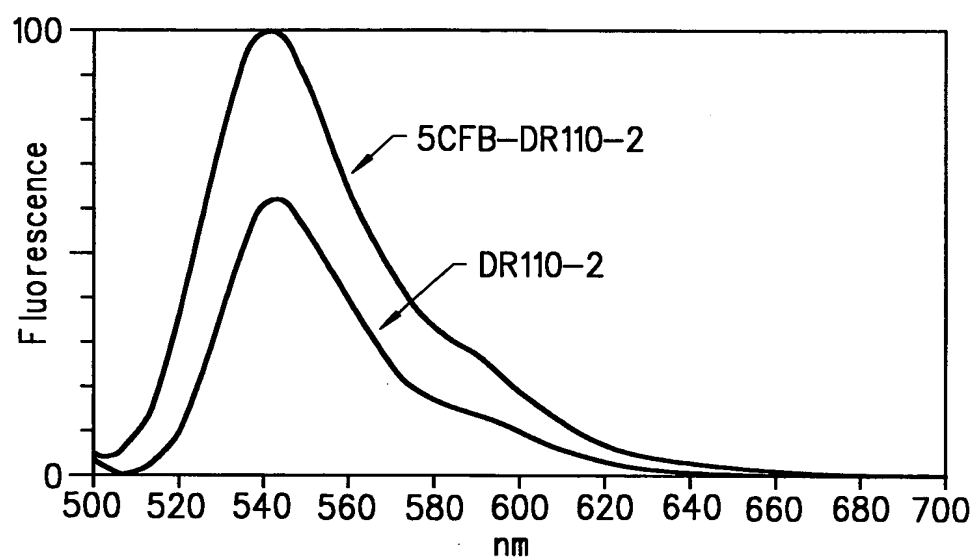


FIG. 9A

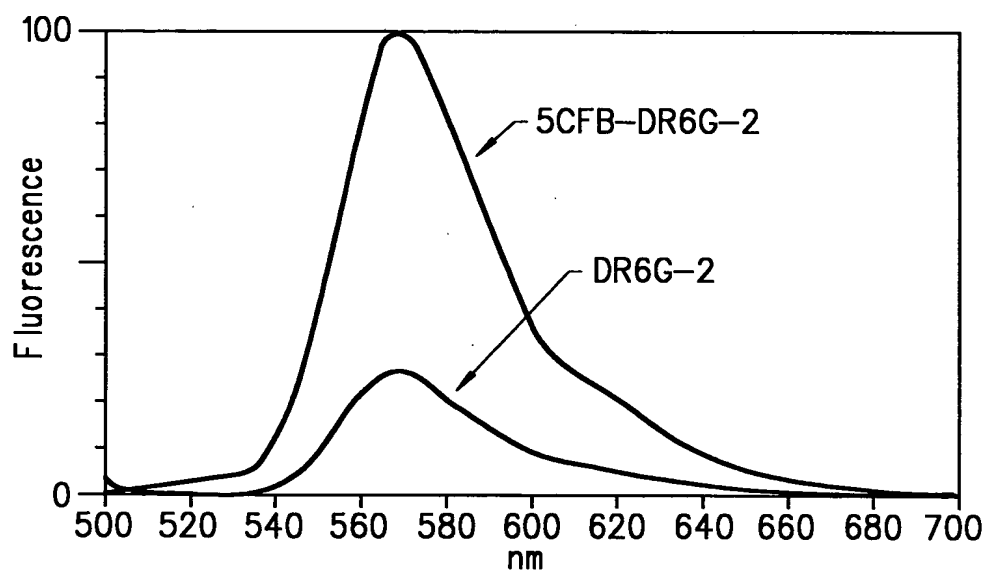


FIG. 9B

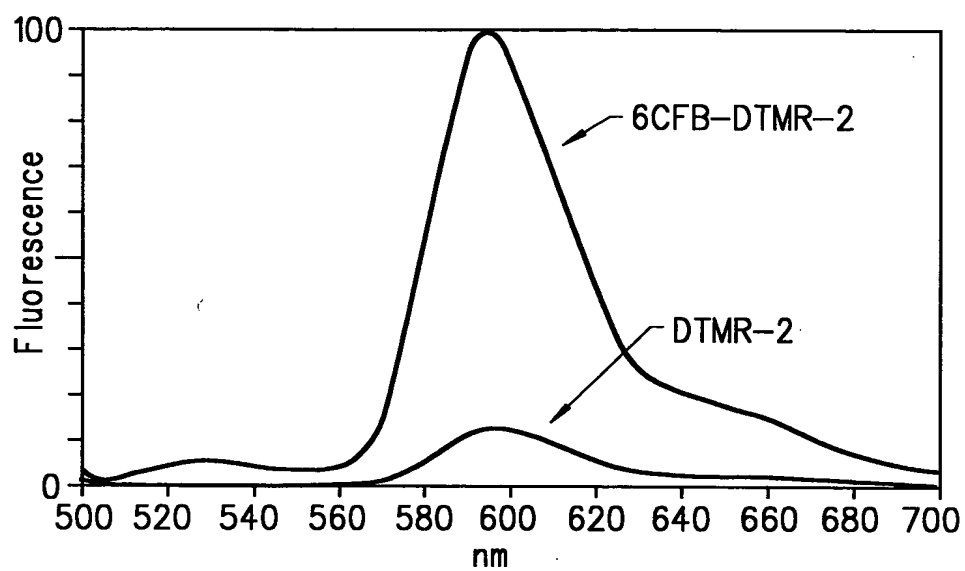


FIG. 9C

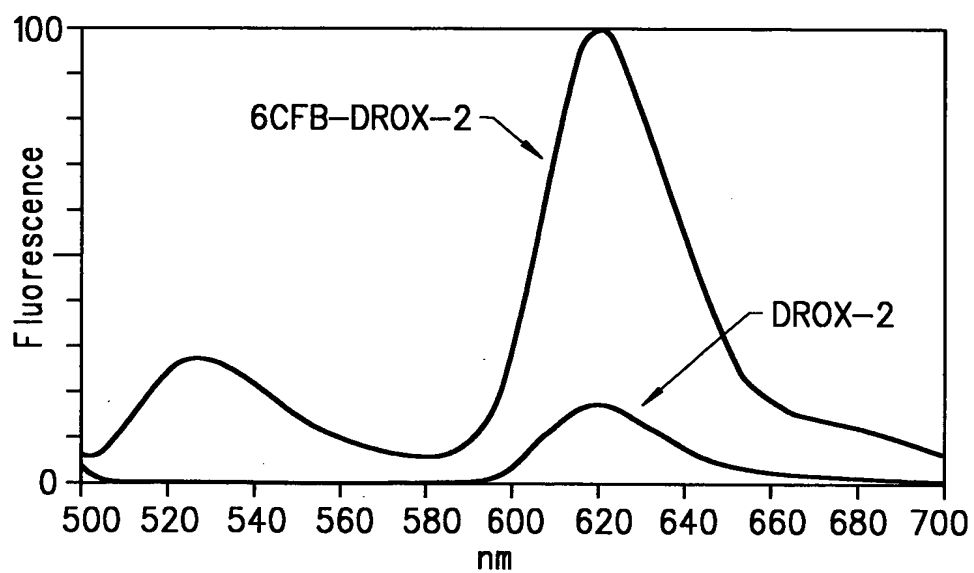
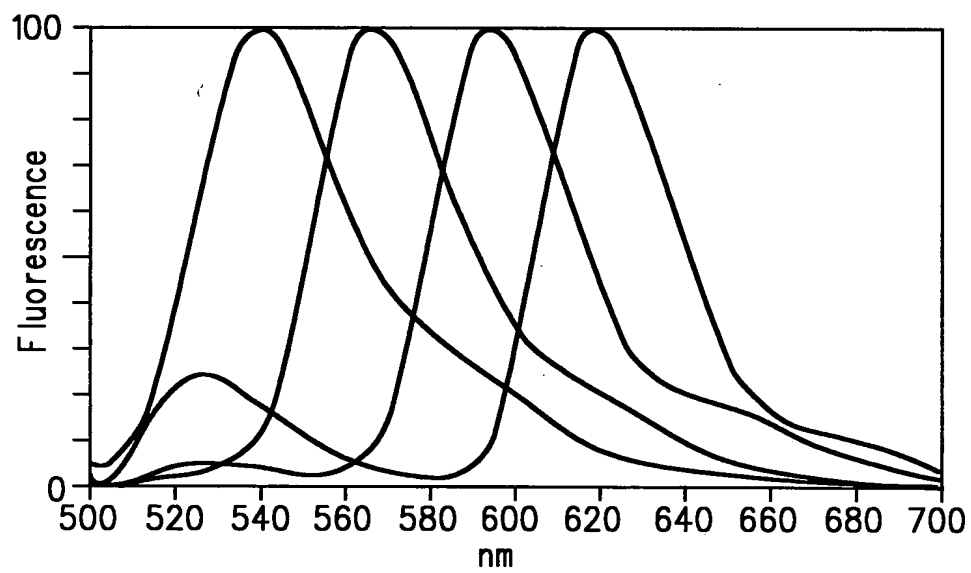
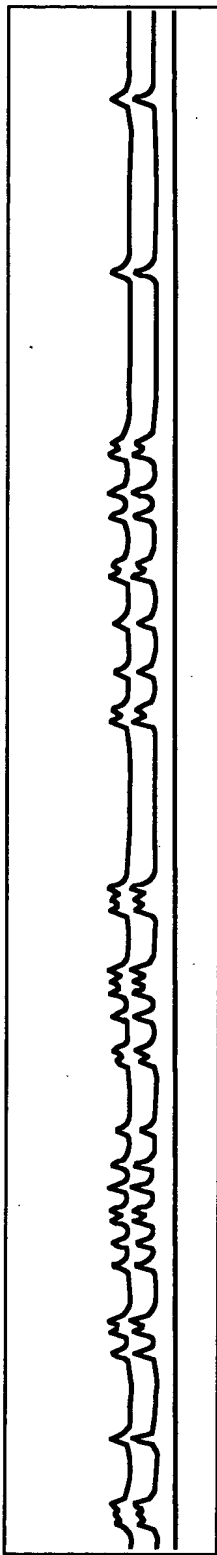


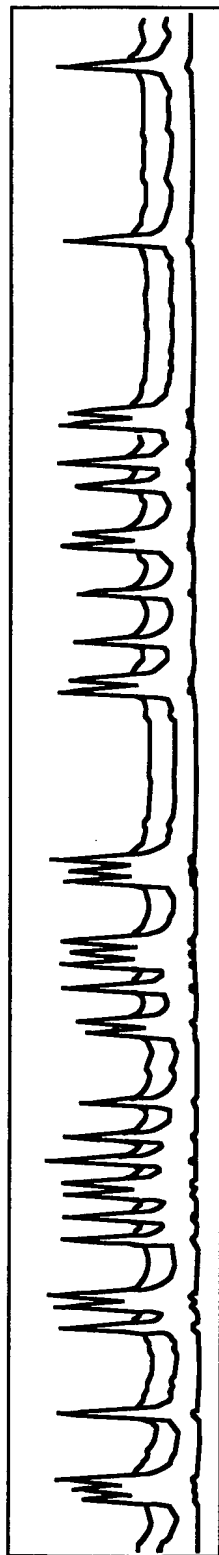
FIG. 9D

*FIG. 10*

DTMR-21 primer



5CFB-DTMR-21 primer



5CFB-DTMR-21 primer + DTMR-21 primer

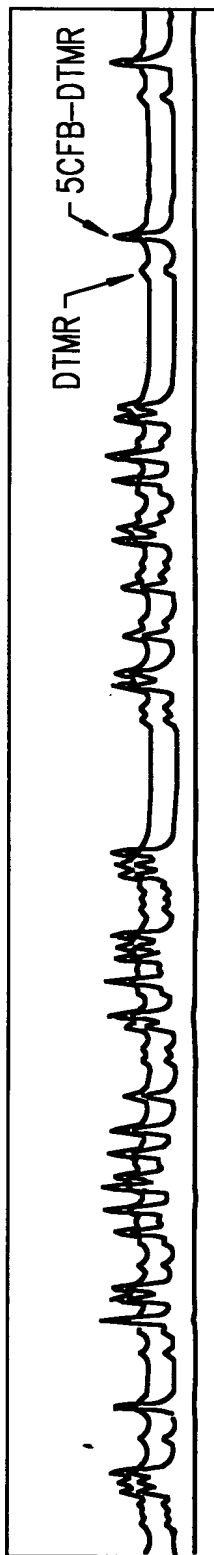


FIG. 11

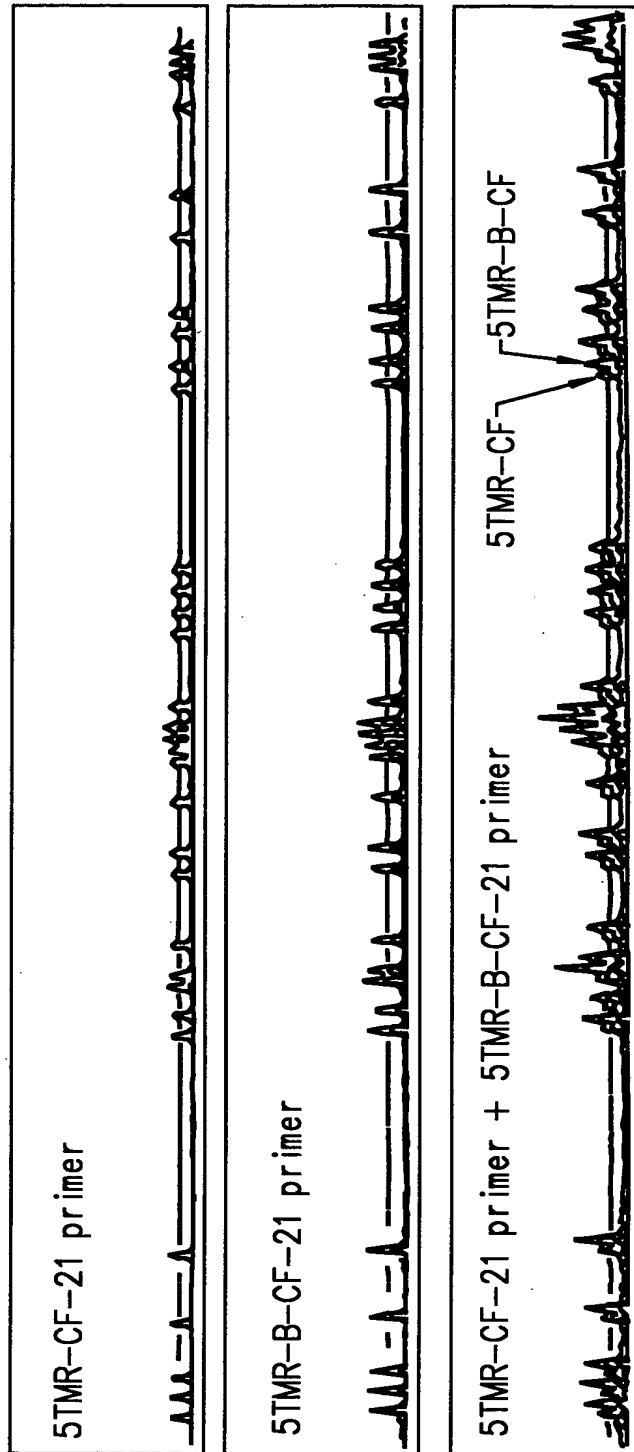


FIG. 12

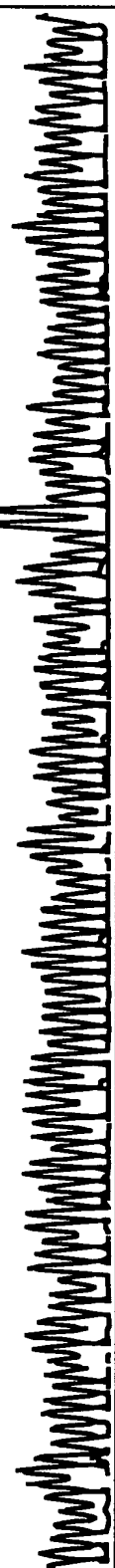
A=6-CF-B-DR6g-2 T=5-CF-B-DROX-2 C=5-CF-B-DR110-2 G=5-CF-B-DTMR-2

ATACGACTCACTATAGGGCGAATTGCGAGCTCGGTACCCGGGGATCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGAGTATTCCTATAGTGCACCTAAATAGCTTGGCGTAATCATGGTCATA
10 20 30 40 50 60 70 80 90 100 110 120



FIG. 13

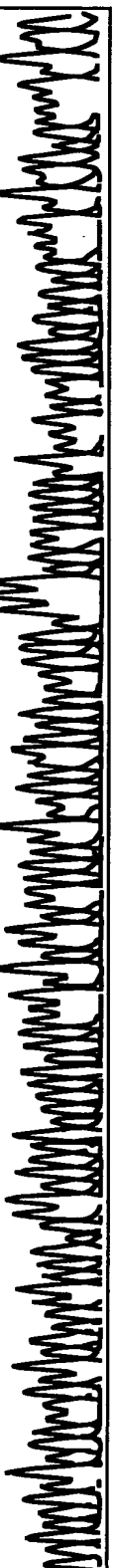
GGCTTTCTCTGTGTGAAATTGTTATCCGCTCACAATTCACACACAATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAAATTGCGTTGC
130 140 150 160 170 180 190 200 210 220 230 240



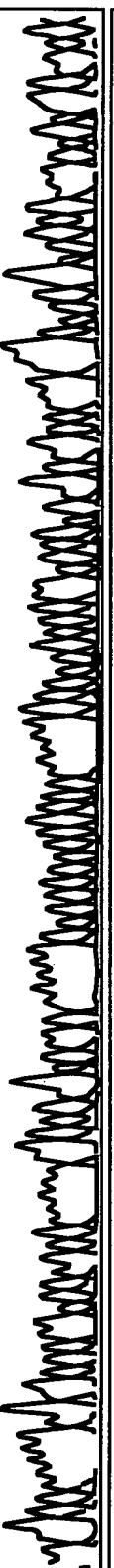
GGTCACTGCCGGCTTCCAGTCGGGAACCTGTCTGTGCAAGCTGCAATTAATGAATCGGCCAACCGCGGGGAGAGGGCGTTTCGGTATTGGGGCTCTTCGGCTCCCTCGCTCACTGACTCG
250 260 270 280 290 300 310 320 330 340 350 360



CTGGCTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAAGCGGTAATACGGTTATCCACAGAAATCAGGGGATACCGAGGAAGCAACATGTGAGCAAAAGGCCAGCAAAAGGCCAG
370 380 390 400 410 420 430 440 450 460 470 480 490



GAACCGTAATAAGGCCGGTTGCTGGCGTTTTCATAGGCTCGGCGCCCTGACGAGCATCACAAAATCGAGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGT
500 510 520 530 540 550 560 570 580 590 600 610



TTCCCGCTGGAAGCTCCCTGCTCCTGTTCGACCCCTGCCGTTACCGGATACCTGTCCGGCTTTCGCCCTTCGGGAAGGTGGCGCTTCTCTATAGCTCAGCGCTGAGGTATCTCA
620 630 640 650 660 670 680 690 700 710 720 730

